FIG.1

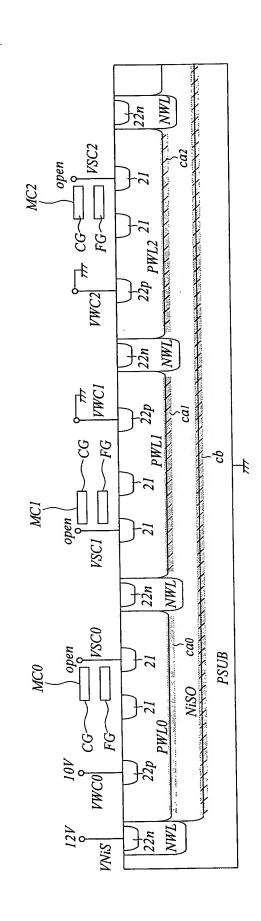
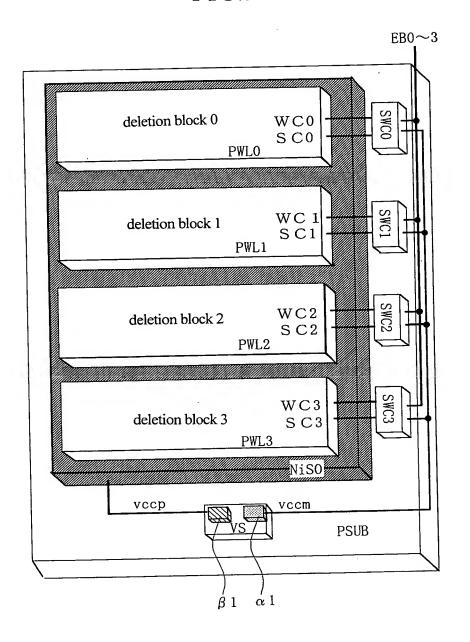


FIG.2



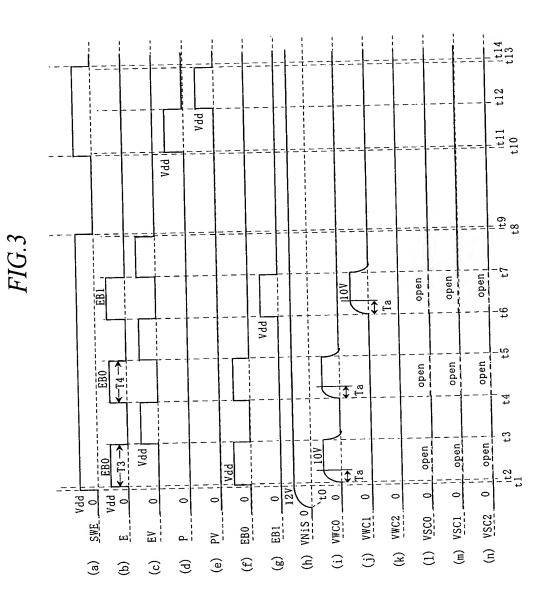


FIG.4

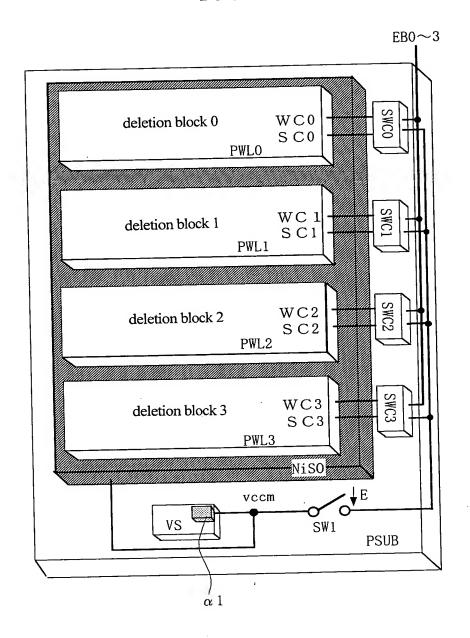


FIG. 5

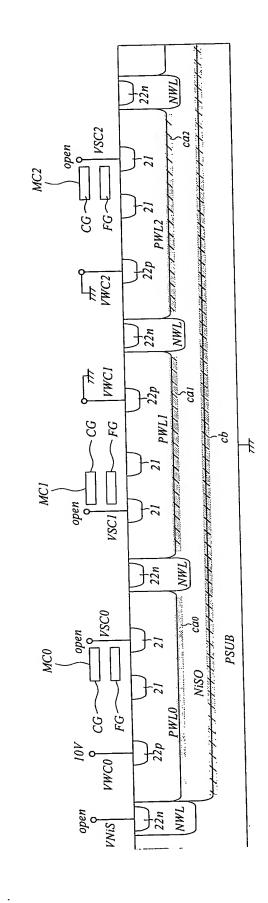
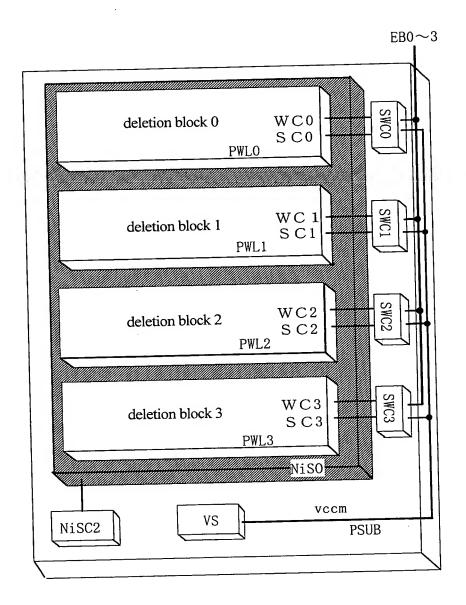


FIG.6



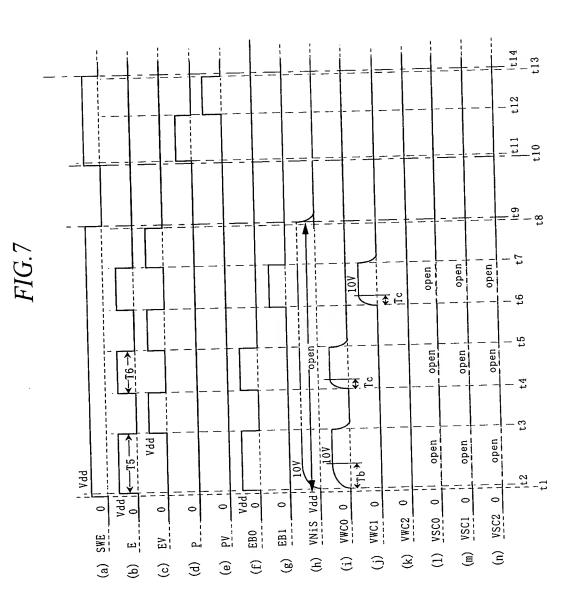


FIG.8

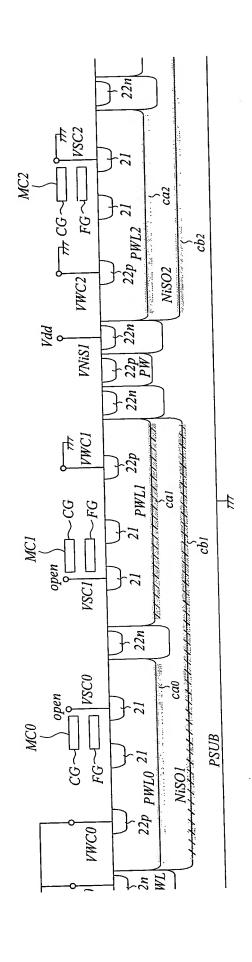
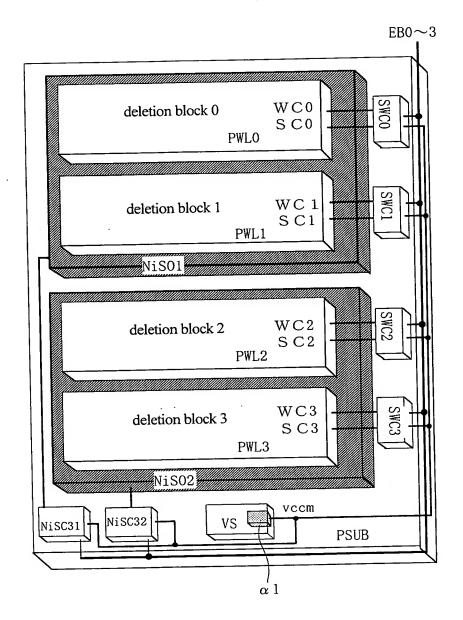


FIG.9



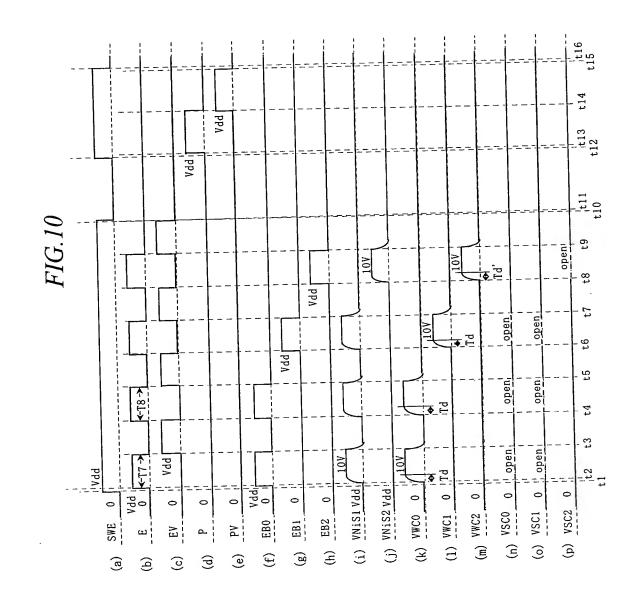


FIG.11

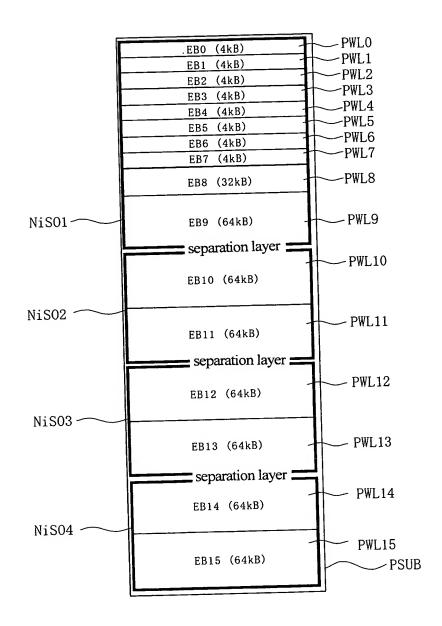


FIG.12

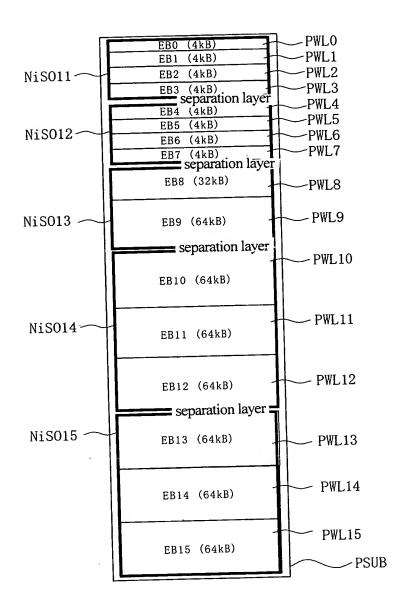


FIG.13

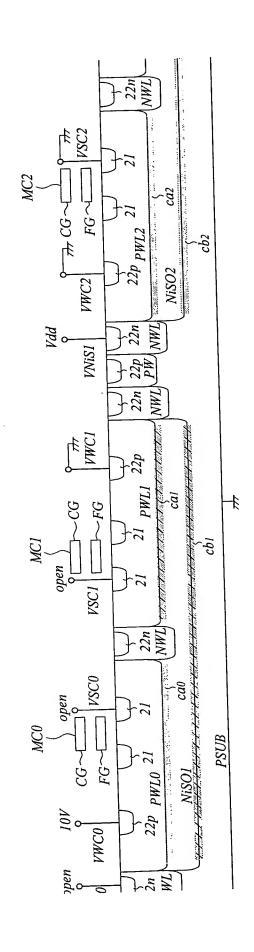
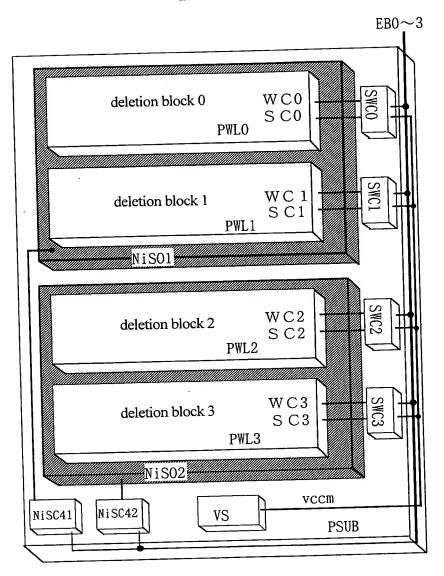


FIG.14



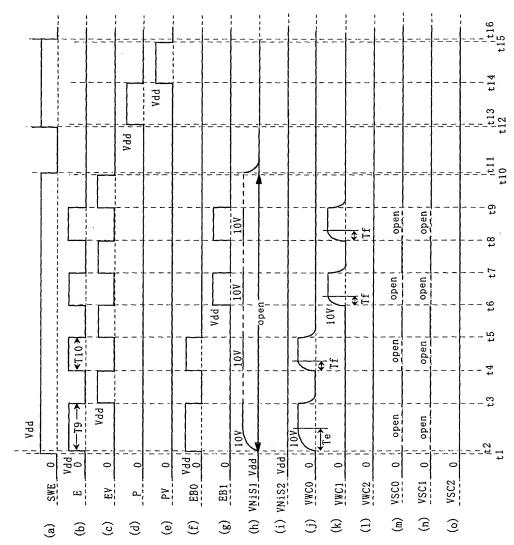


FIG.15

FIG. 16A

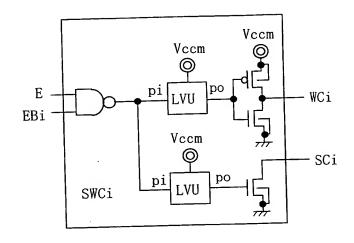


FIG.16B

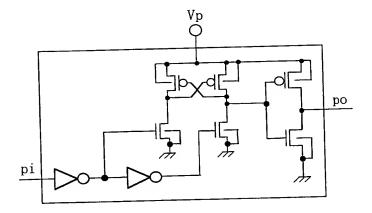


FIG.17

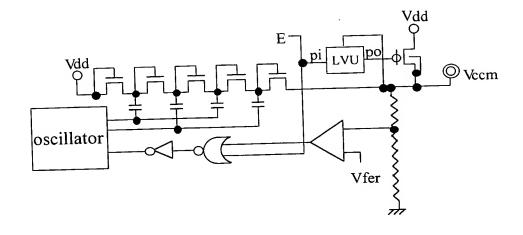


FIG.18

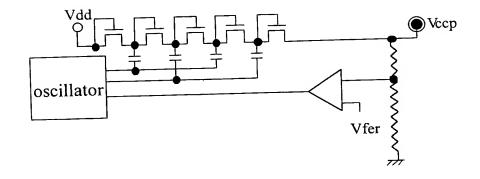


FIG.19

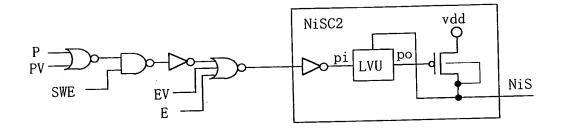


FIG.20

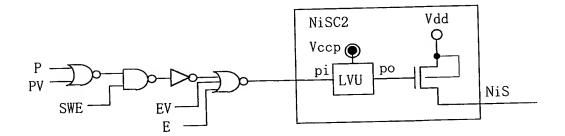


FIG.21

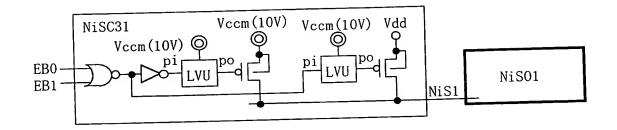


FIG.22

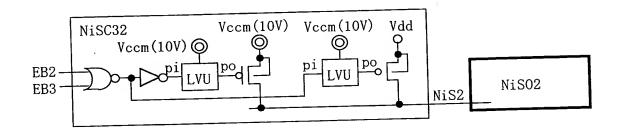


FIG.23

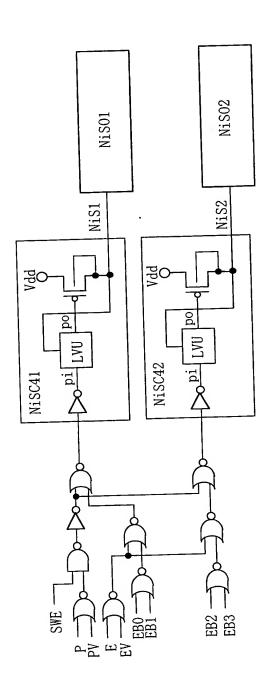


FIG.24

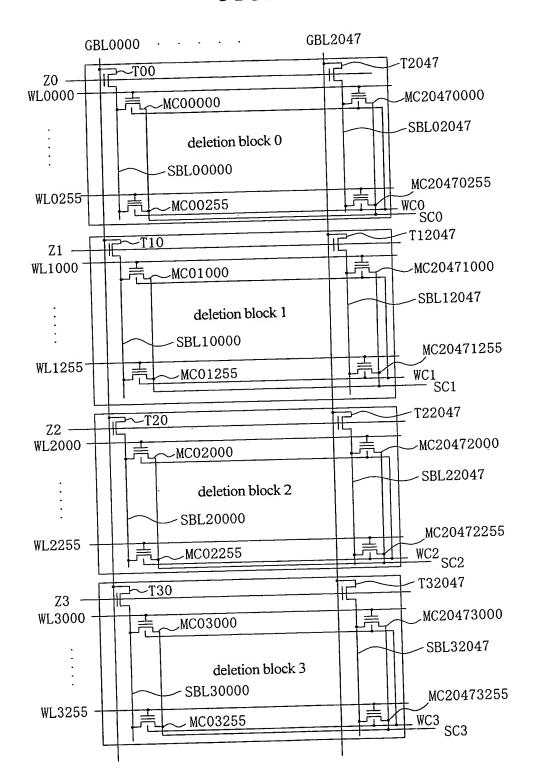


FIG.25

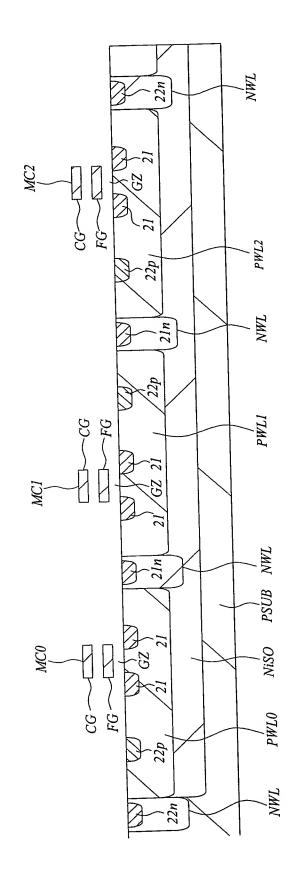


FIG.26A

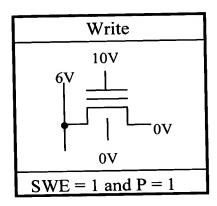


FIG.26B

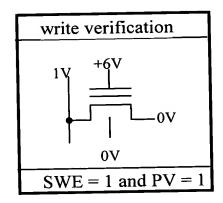


FIG.26C

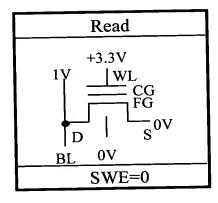


FIG.26D

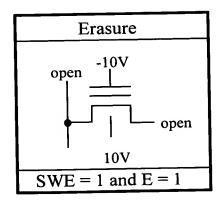


FIG.26E

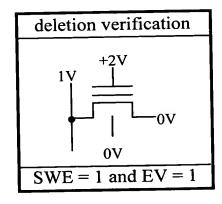


FIG.27A

FIG.27B

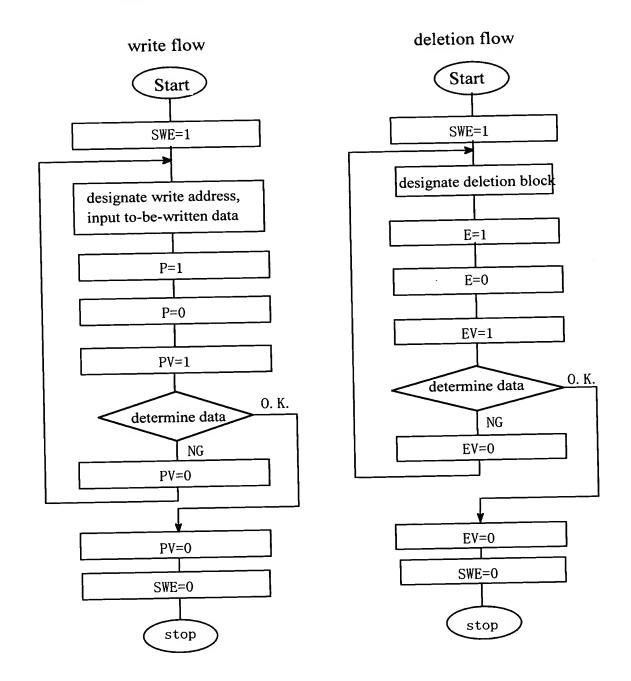
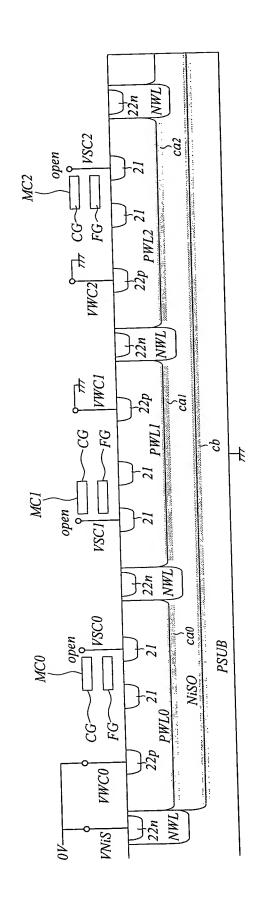


FIG.28



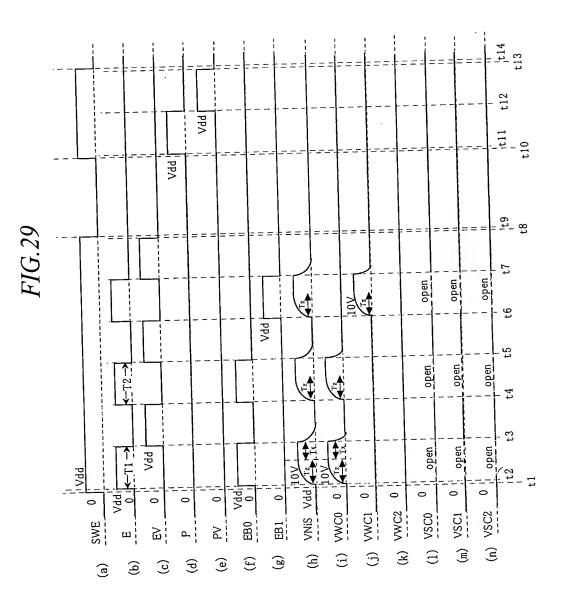


FIG.30

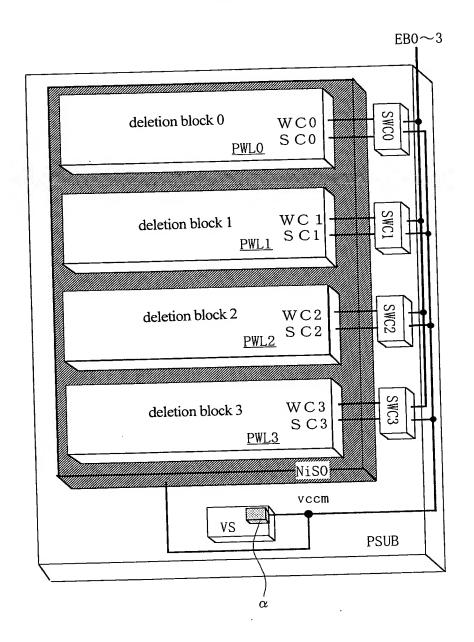
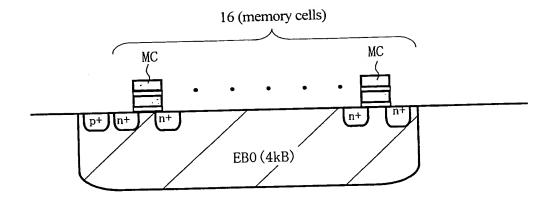


FIG.31



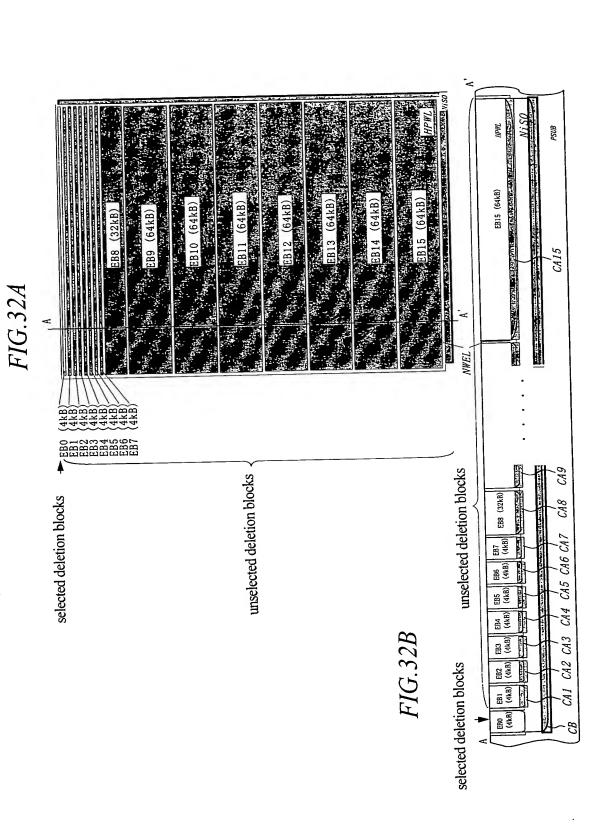


FIG.33

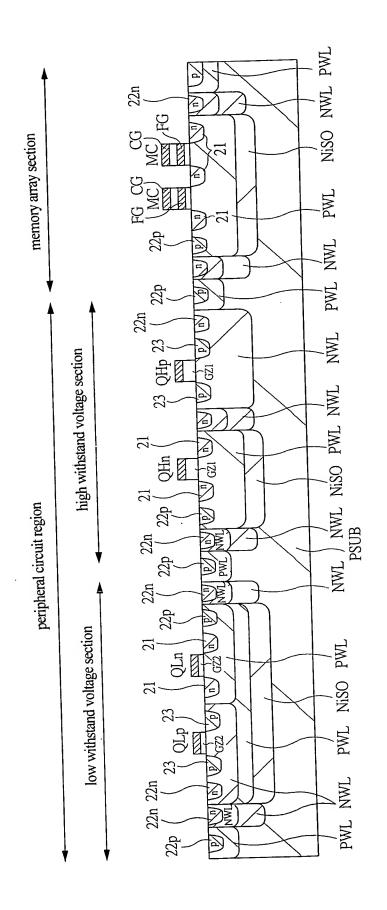


FIG.34

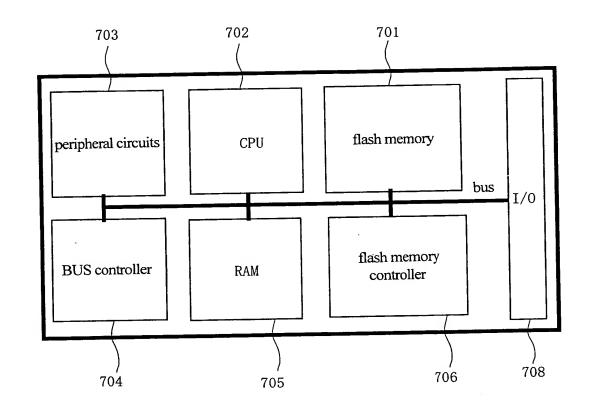
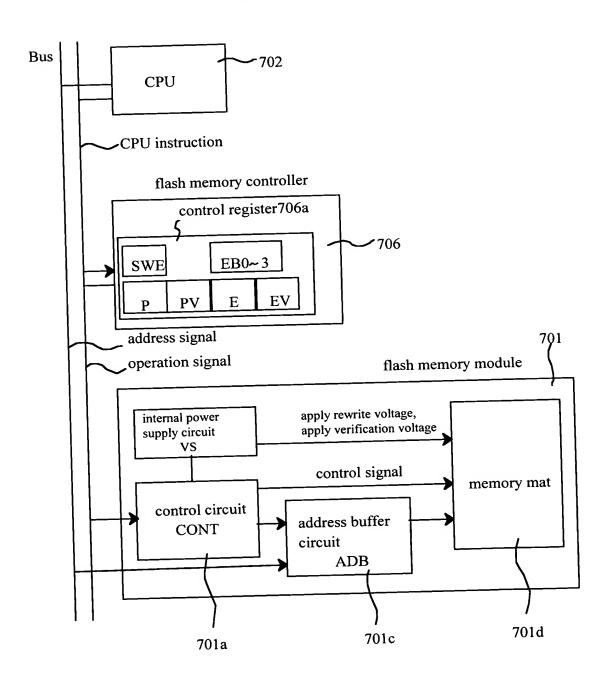
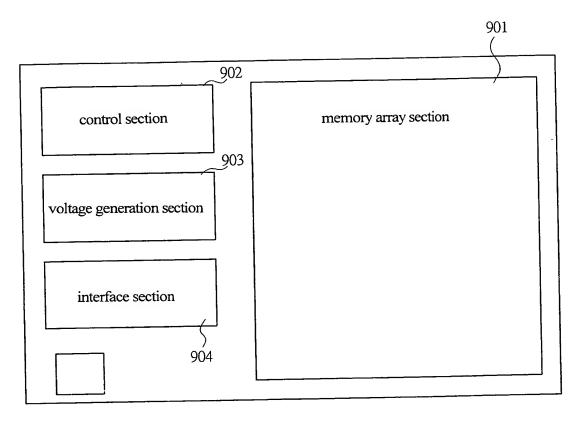




FIG.35







detection circuit



FIG.37

